

WHAT WE CLAIM IS:

1. An authentication medium, characterized by comprising a multilayer structure in which two light selective reflecting layer are stacked together with a
5 phase difference layer interleaved therebetween, wherein said two light selective reflecting layers are each formed of a material capable of selectively reflecting either one of left-handed or right-handed circularly polarized light of incident light, and center wavelengths of light
10 reflected off said two light selective reflecting layers differ from each other.

2. The authentication medium according to claim 1, characterized in that said phase difference layer is a transparent substrate film.

15 3. The authentication medium according to claim 1, characterized in that said phase difference layer is a multilayer structure comprising a transparent film and a nematic liquid crystal layer.

4. The authentication medium according to any one
20 of claims 1 to 3, characterized in that a light diffracting structure layer is stacked on one surface of said multilayer structure.

5. The authentication medium according to claim 4,
25 characterized in that said light diffracting structure layer is a reflection hologram.

6. The authentication medium according to claim 4 or 5, characterized in that said light diffracting structure layer has a light reflective layer in

association therewith.

7. An authentication medium label, characterized in that an adhesive layer is further stacked on the authentication medium according to any one of claims 1 to 5 6.

8. An authentication medium transfer sheet, characterized in that the authentication medium according to any one of claims 1 to 6 is stacked on a releasable surface of a releasable substrate.

10 9. An authenticable sheet, characterized by having the authentication medium according to any one of claims 1 to 6 on a part thereof in a visible way.

10. An authenticable information recording medium, characterized in that the authentication medium according to any one of claims 1 to 6 is stacked on a surface of an 15 information recording medium to be authenticated, or said information recording medium has an authentication medium according to any one of claims 1 to 6 on a part thereof in a visible way.

20 11. An authentication medium, characterized in that at least two layers, or a thin-film layer that changes in transmittance or reflectance upon heating and a color change layer that differs in color depending on an angle of viewing are stacked together.

25 12. The authentication medium according to claim 11, characterized in that said color change layer is a light selective reflecting layer capable of selectively reflecting either one of left-handed or right-handed

circularly polarized light of incident light.

13. The authentication medium according to claim 12, characterized in that said light selective reflecting layer comprises a cholesteric liquid crystal layer.

5 14. The authentication medium according to any one of claims 11 to 13, characterized in that said color change layer comprises two or more layers.

15 15. The authentication medium according to any one of claims 11 to 13, characterized in that said color change layer comprises two layers, between which there is a phase difference layer interleaved.

16. An authenticable medium, characterized in that a substrate has the authentication medium according to any one of claims 11 to 15 on a part thereof in a visible way.

15 17. An authentication medium label, characterized in that an adhesive layer is further stacked on the authentication medium according to any one of claims 11 to 15.

20 18. An authentication medium transfer sheet, characterized in that the authentication medium according to any one of claims 11 to 15 is stacked on a releasable surface of a releasable substrate.

25 19. An authentication medium, characterized in that a light selective reflecting pattern layer made up of a layer of a material capable of selectively reflecting either one of left-handed or right-handed circularly polarized light of incident light and a light diffracting structure layer are stacked together.

20. The authentication medium according to claim 19, characterized in that said light selective reflecting pattern layer is stacked on one surface side of a transparent substrate, and said light diffracting structure layer is stacked on another side surface of said transparent substrate.

21. The authentication medium according to claim 19, characterized in that said light selective reflecting pattern layer and said light diffracting structure layer are stacked in this order on one surface side of a transparent substrate.

22. The authentication medium according to any one of claims 19 to 21, characterized in that said light diffracting structure layer is a reflection hologram.

23. The authentication medium according to any one of claims 19 to 22, characterized in that said light diffracting structure layer has a light reflective layer in association therewith.

24. An authentication medium label, characterized in that an adhesive layer is further stacked on the authentication medium according to any one of claims 19 to 23.

25. An authentication medium transfer sheet, characterized in that the authentication medium according to any one of claims 19 to 23 is stacked on a releasable surface of a releasable substrate.

26. An authenticable sheet, characterized by having the authentication medium according to any one of

claims 19 to 23 on a part thereof in a visible way.

27. An authenticable information recording medium,
characterized in that the authentication medium according
to any one of claims 19 to 23 is stacked on a surface of
5 an information recording medium to be authenticated, or
said information recording medium has the authentication
medium according to any one of claims 19 to 23 on a part
thereof in a visible way.